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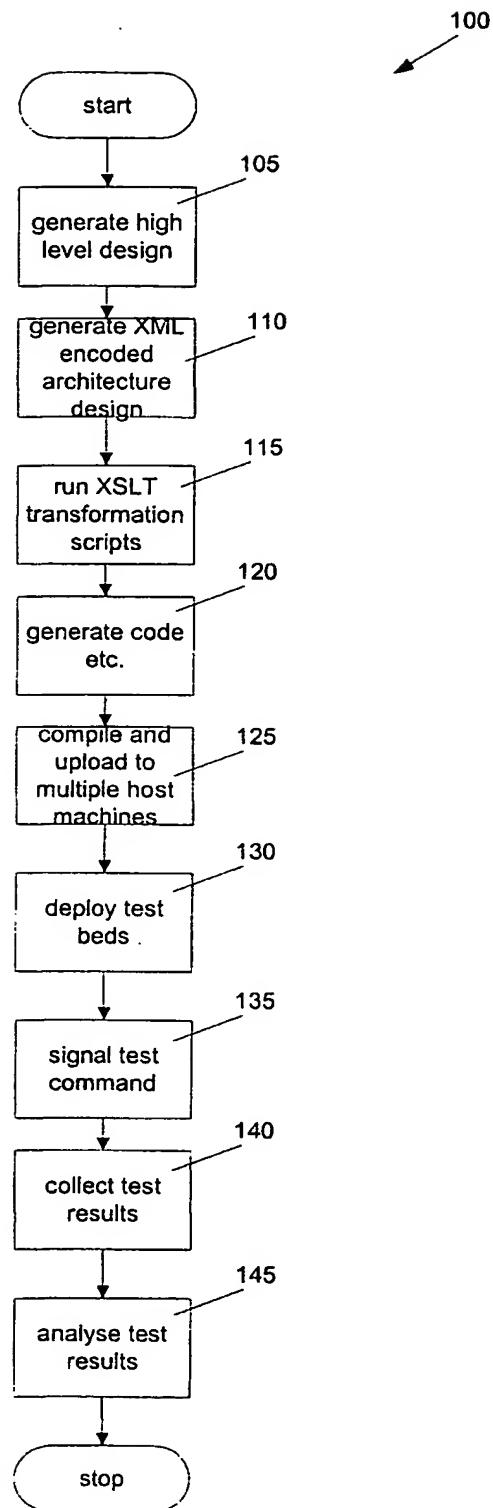


FIGURE 1

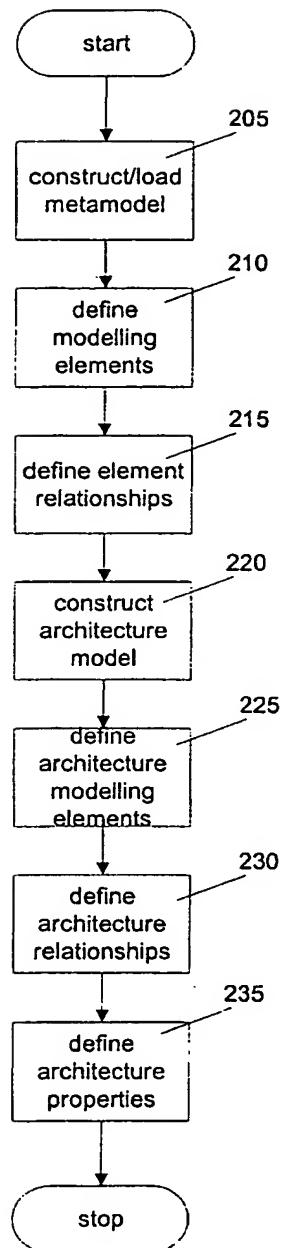


FIGURE 2

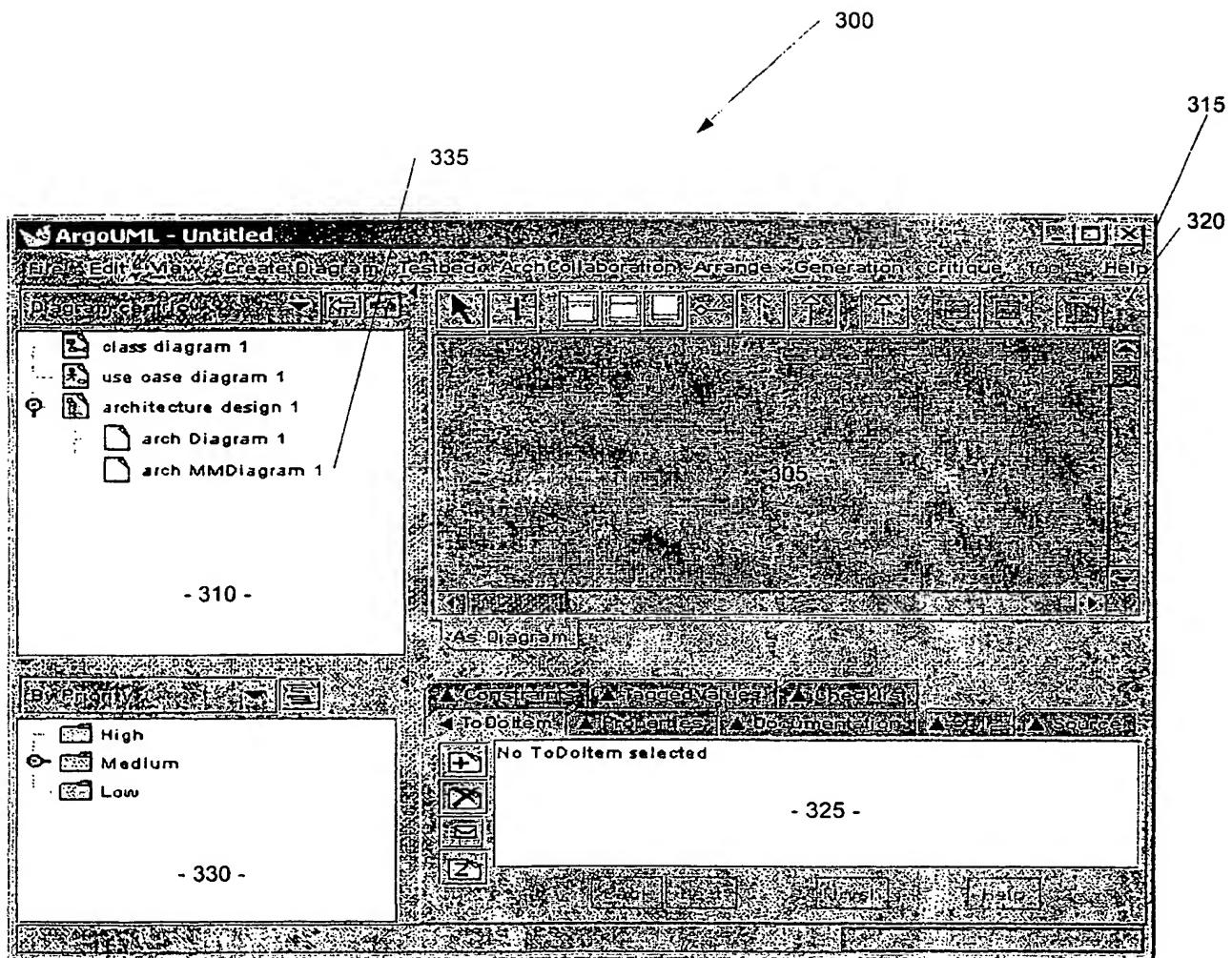


FIGURE 3

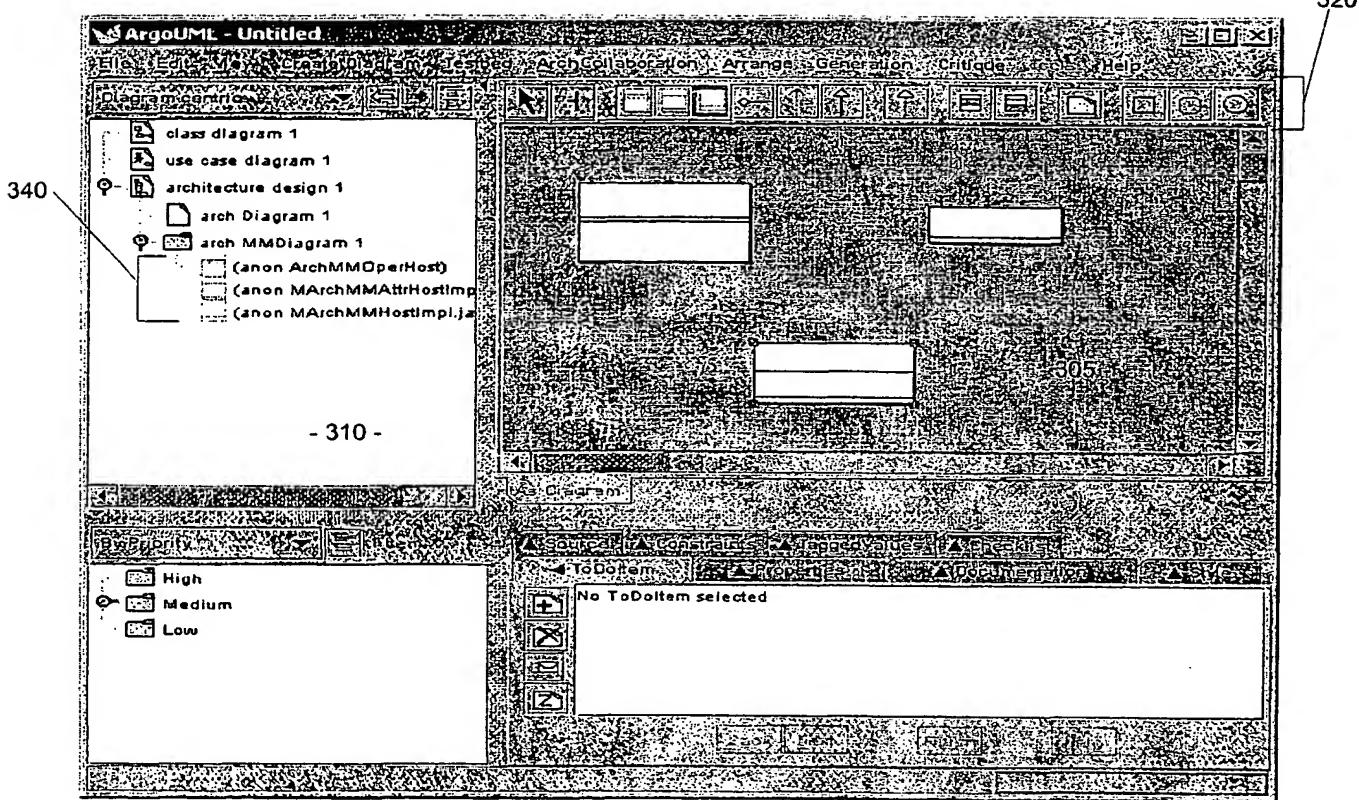


FIGURE 4

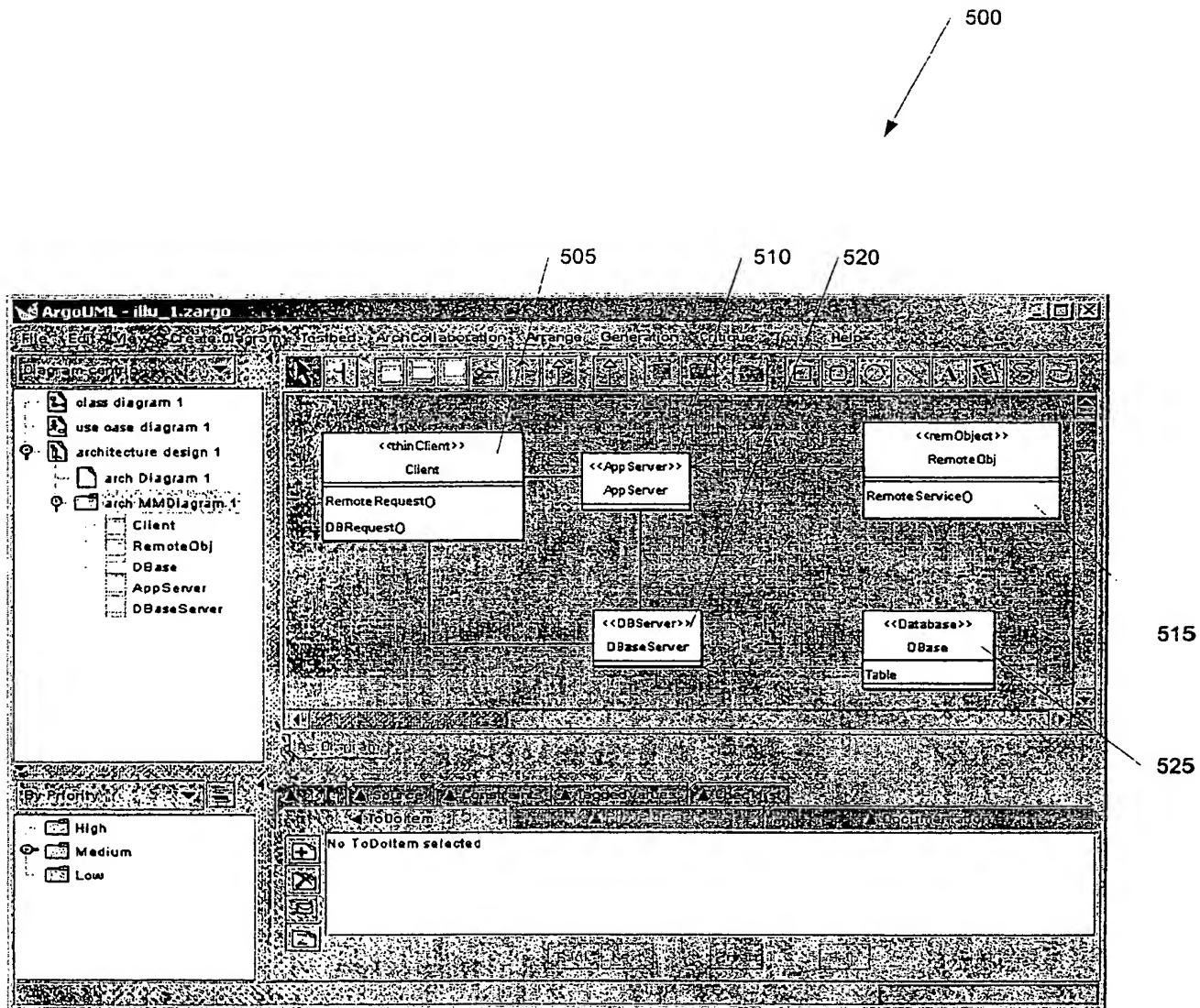


FIGURE 5

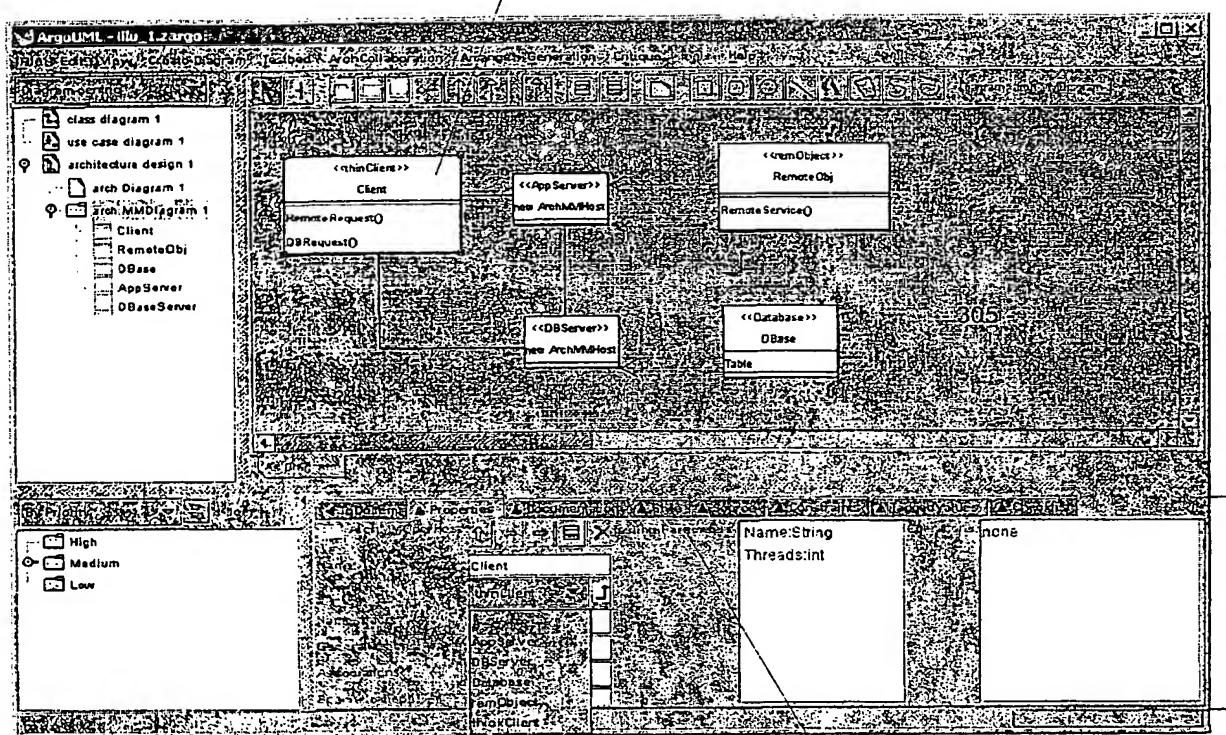
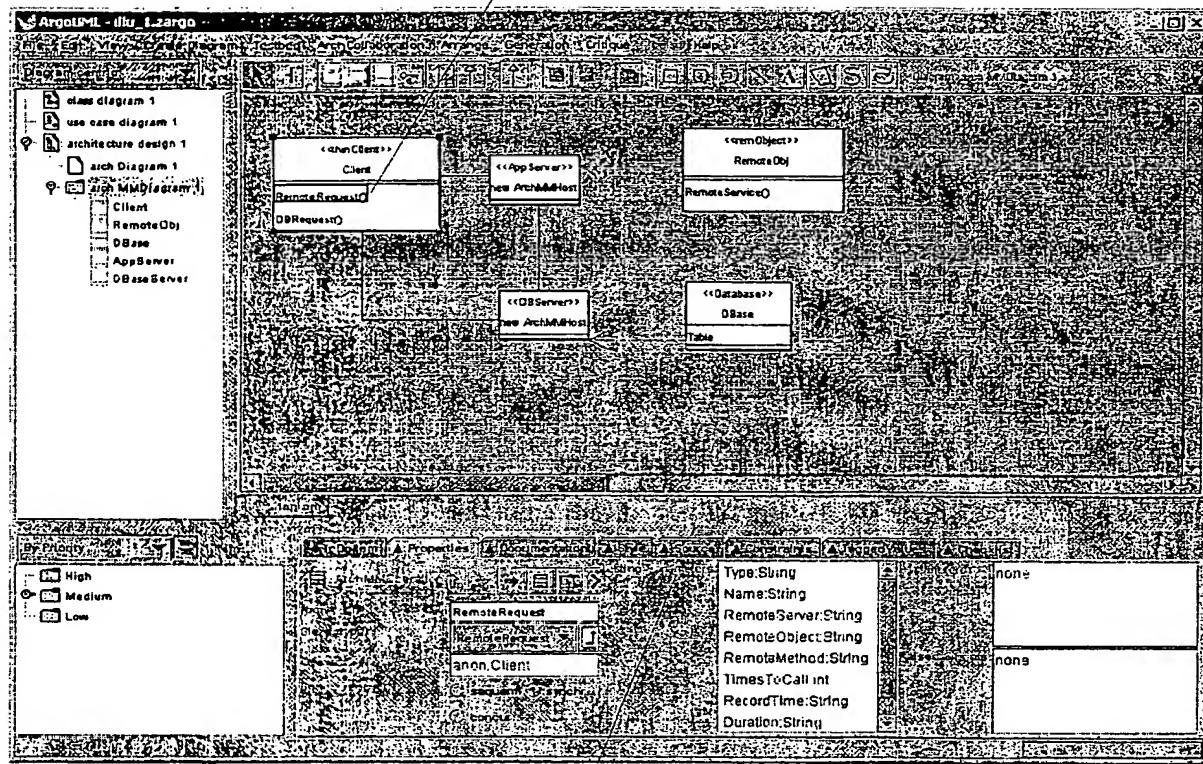


FIGURE 6

705



710

FIGURE 7

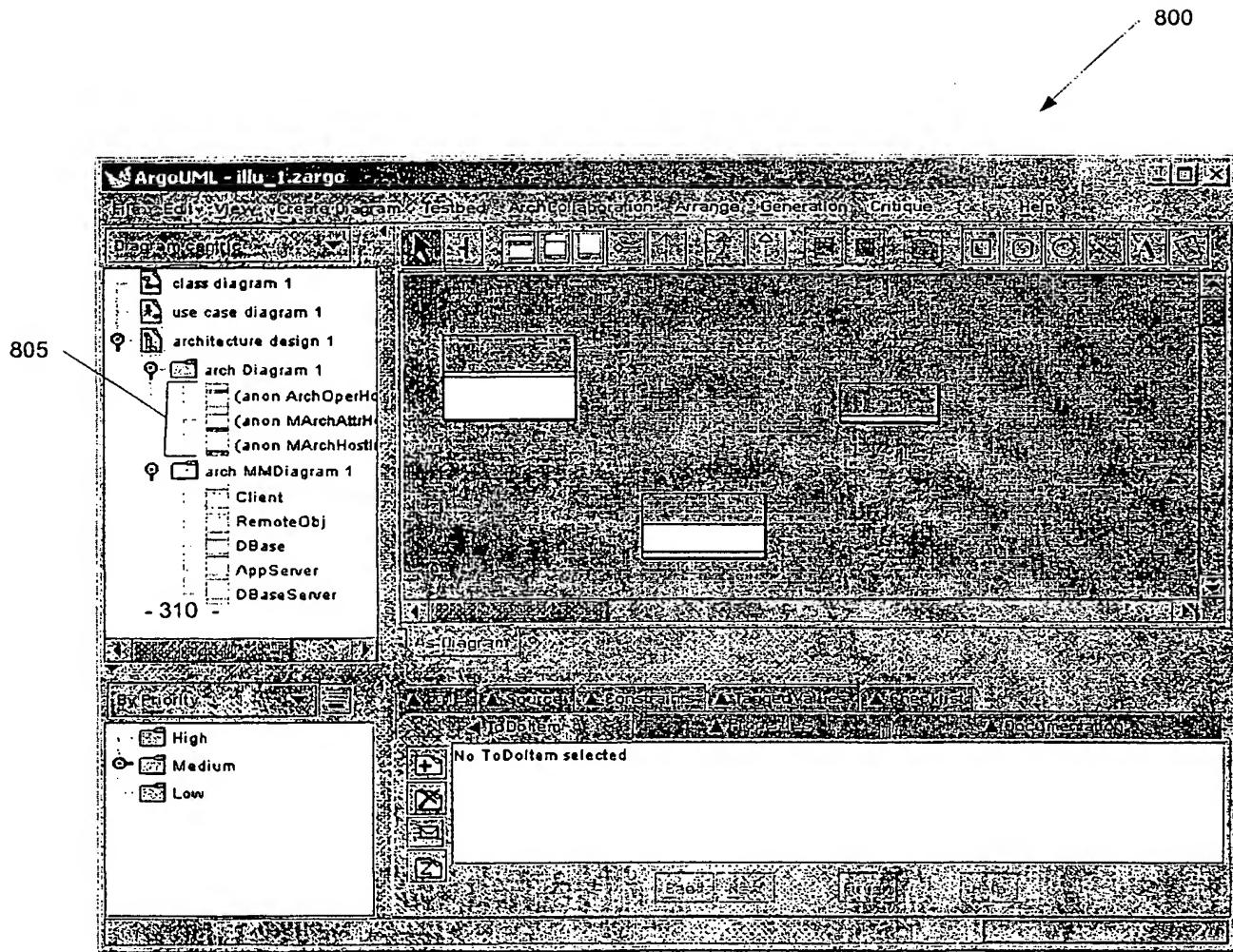


FIGURE 8

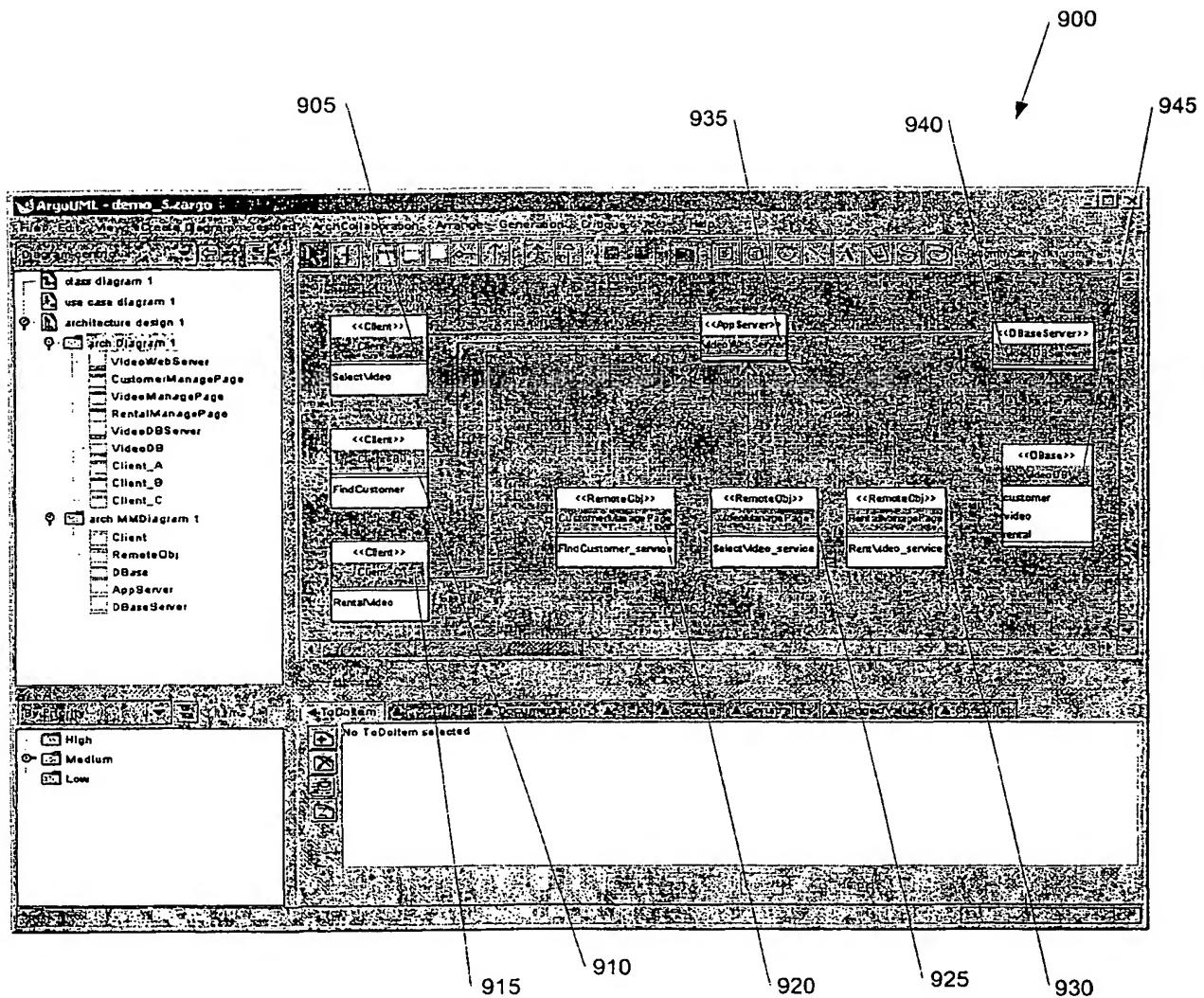


FIGURE 9

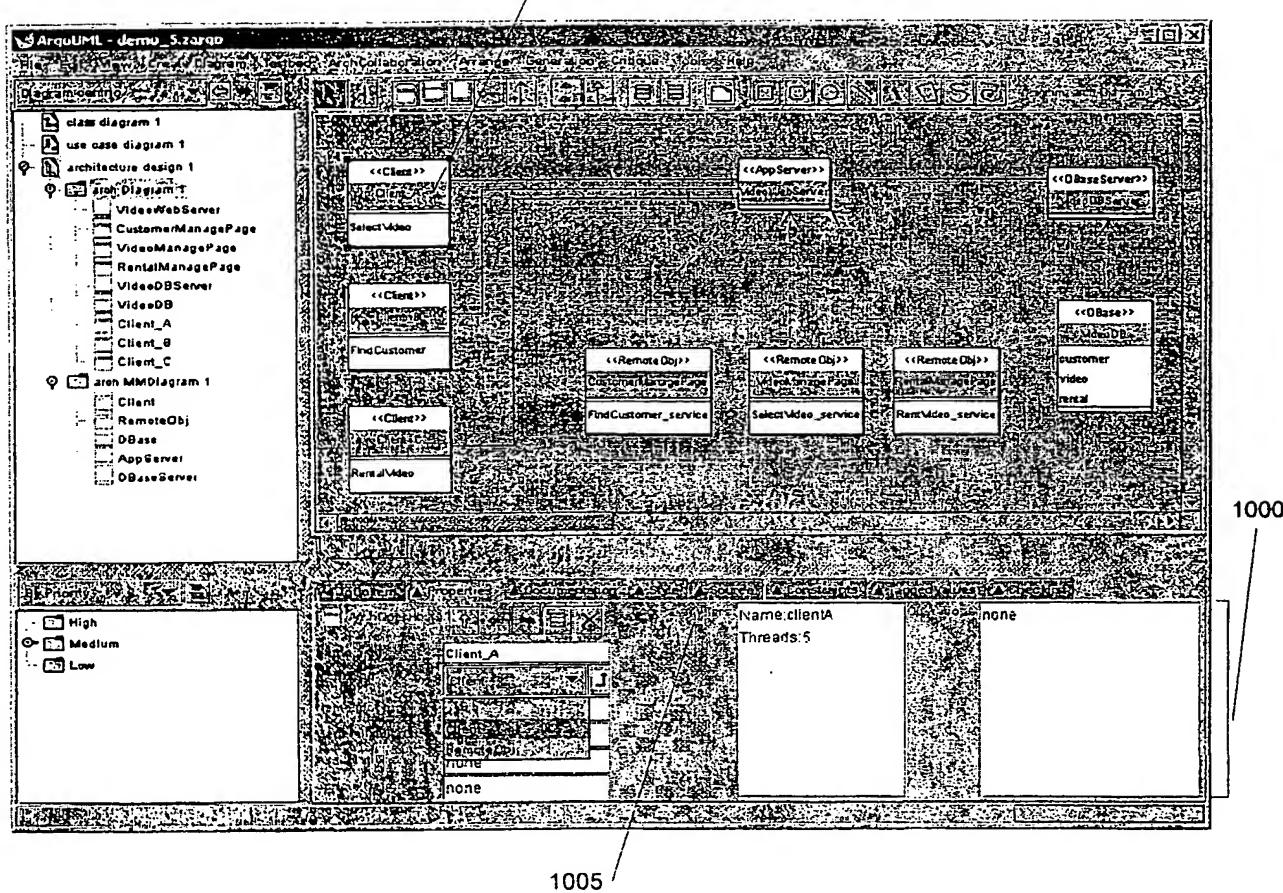


FIGURE 10

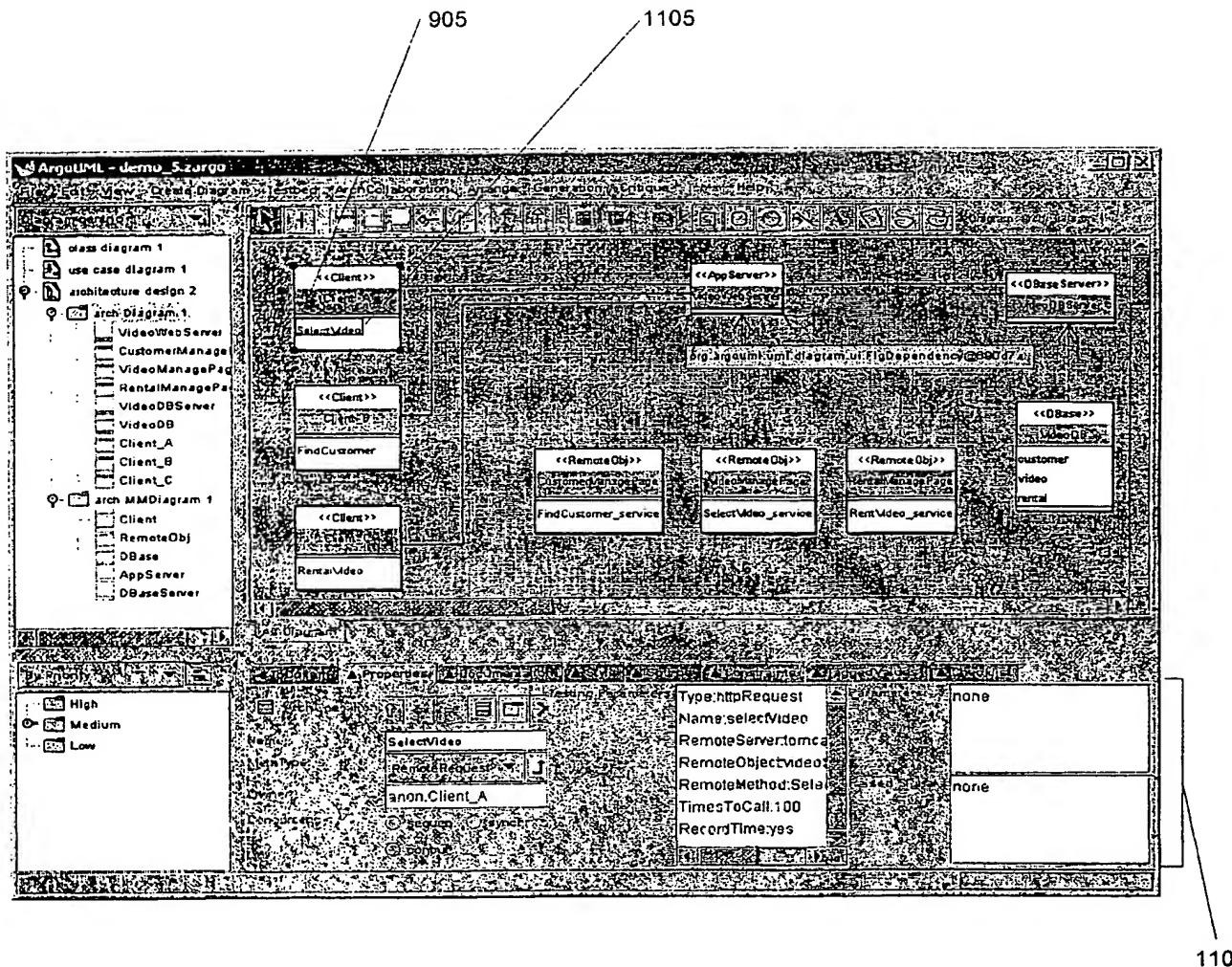


FIGURE 11

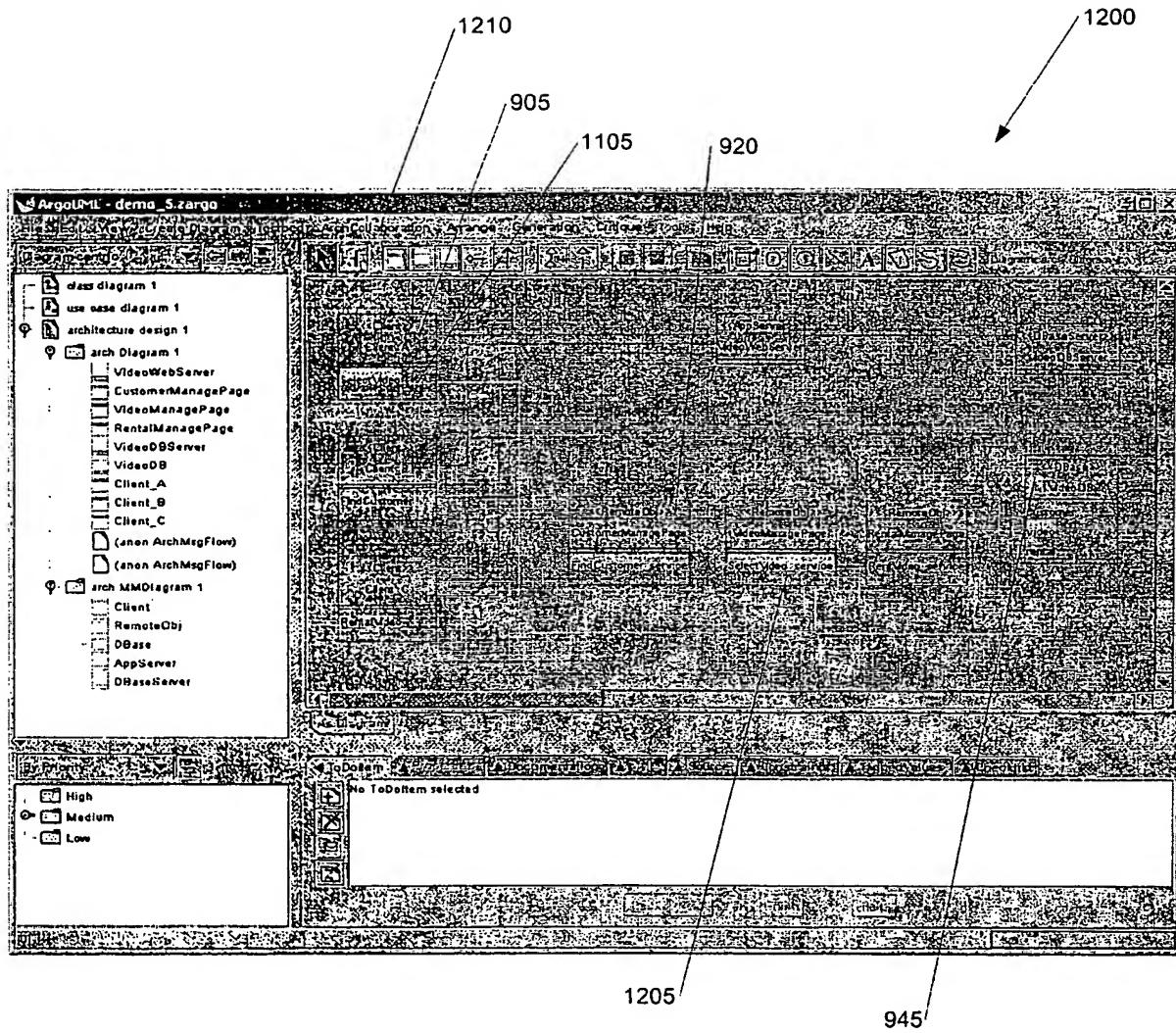


FIGURE 12

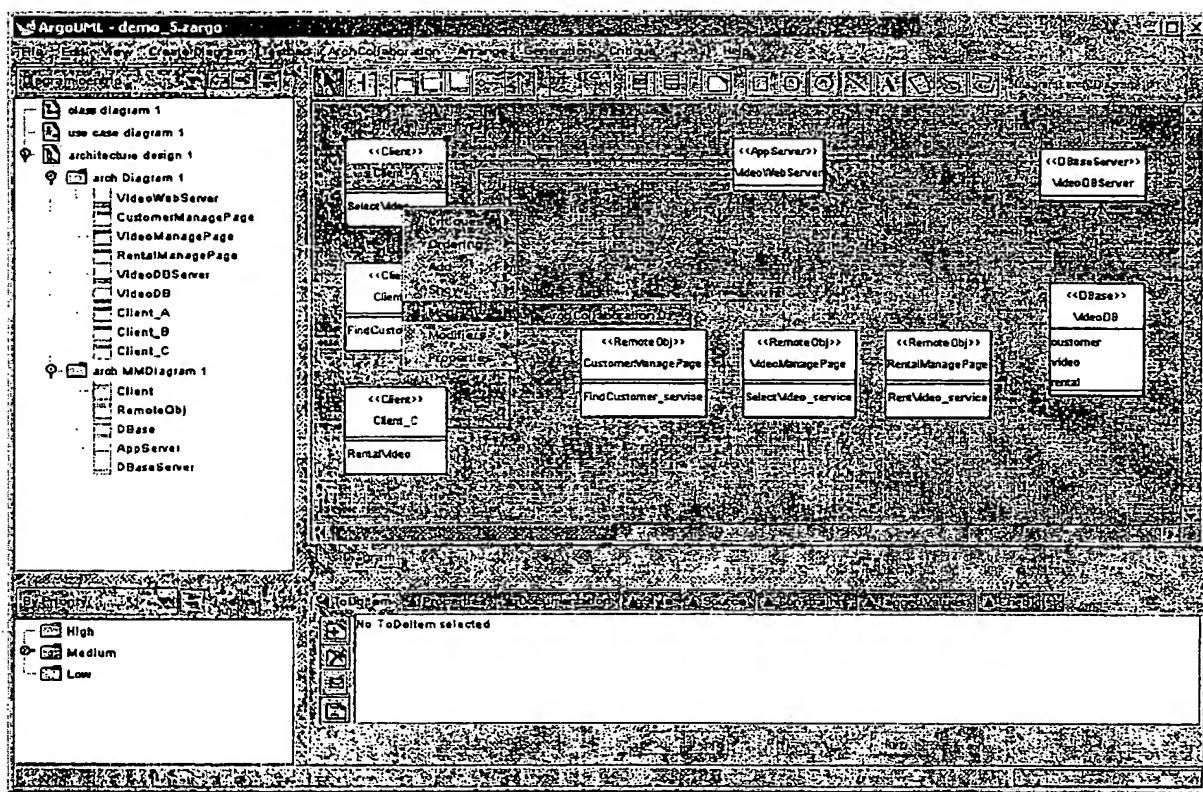


FIGURE 13

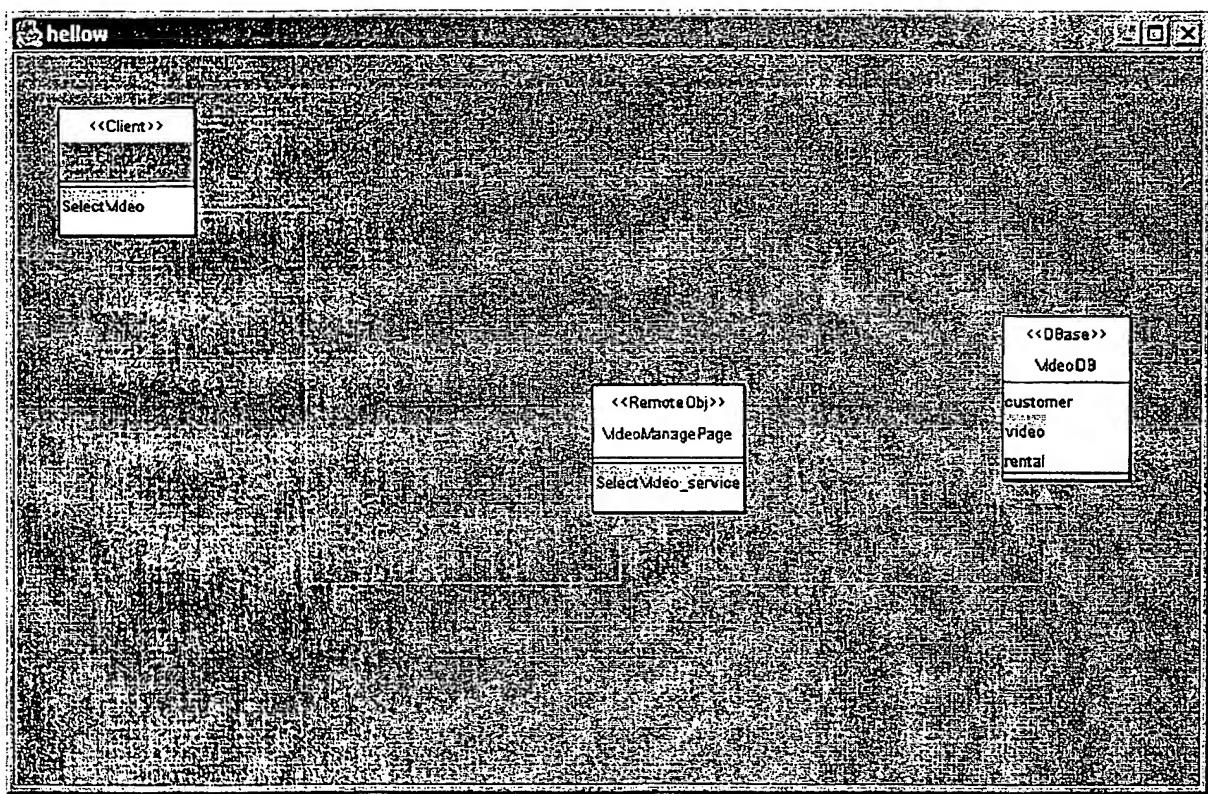
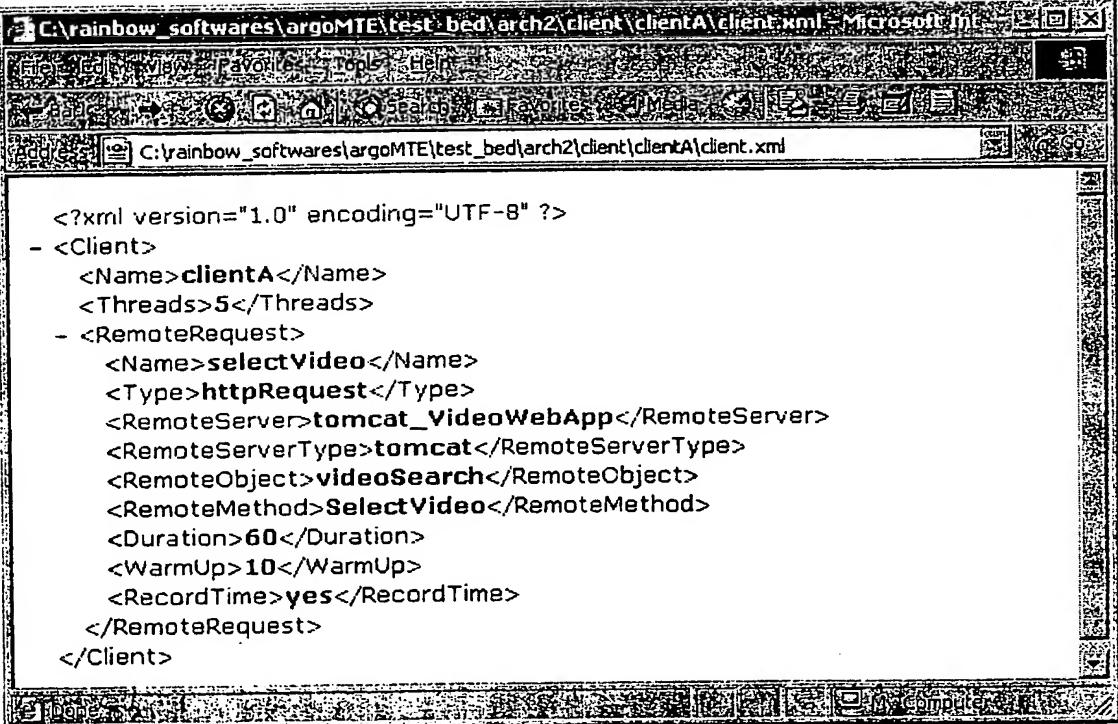


FIGURE 14



The screenshot shows a Microsoft Internet Explorer window displaying an XML configuration file. The title bar reads "C:\rainbow_softwares\argoMTE\test_bed\arch2\client\clientA\client.xml - Microsoft Internet Explorer". The address bar shows the full path: "C:\rainbow_softwares\argoMTE\test_bed\arch2\client\clientA\client.xml". The main content area contains the following XML code:

```
<?xml version="1.0" encoding="UTF-8" ?>
- <Client>
  <Name>clientA</Name>
  <Threads>5</Threads>
  - <RemoteRequest>
    <Name>selectVideo</Name>
    <Type>httpRequest</Type>
    <RemoteServer>tomcat_VideoWebApp</RemoteServer>
    <RemoteServerType>tomcat</RemoteServerType>
    <RemoteObject>videoSearch</RemoteObject>
    <RemoteMethod>SelectVideo</RemoteMethod>
    <Duration>60</Duration>
    <WarmUp>10</WarmUp>
    <RecordTime>yes</RecordTime>
  </RemoteRequest>
</Client>
```

FIGURE 15

```

<?xml version="1.0" encoding="UTF-8"?>
- <Model_Management.Model xmi:id="xmi.1" xmi:uuid="null">
  - <MarchMMOperHost name="Client" xmi:id="xmi.2" xmi:uuid="#-126--40-34--79-4936f3:f155df1b5d:-7ffe">
    - <MarchMMOperations>
      - <MarchMMOperation>
        <MarchMMOperation.Name>RemoteRequest</MarchMMOperation.Name>
        <MarchMMOperation.TestingParameters>
          - <MarchMMOperation.TestingParameter>
            <MarchMMOperation.TestingParameter.Name>Type</MarchMMOperation.TestingParameter.Name>
            <MarchMMOperation.TestingParameter.Type>String</MarchMMOperation.TestingParameter.Type>
            <MarchMMOperation.TestingParameter.withStereotype>true</MarchMMOperation.TestingParameter.withStereotype>
          - <MarchMMOperation.TestingParameter>
            <MarchMMOperation.TestingParameter.Name>String</MarchMMOperation.TestingParameter.Name>
            <MarchMMOperation.TestingParameter.withStereotype>true</MarchMMOperation.TestingParameter.withStereotype>
          - <MarchMMOperation.TestingParameter>
            <MarchMMOperation.TestingParameter.Name>Server</MarchMMOperation.TestingParameter.Name>
            <MarchMMOperation.TestingParameter.withStereotype>true</MarchMMOperation.TestingParameter.withStereotype>
          - <MarchMMOperation.TestingParameter>
            <MarchMMOperation.TestingParameter.Name>RemoteObject</MarchMMOperation.TestingParameter.Name>
            <MarchMMOperation.TestingParameter.withStereotype>true</MarchMMOperation.TestingParameter.withStereotype>
          - <MarchMMOperation.TestingParameter>
            <MarchMMOperation.TestingParameter.Name>RequestMethod</MarchMMOperation.TestingParameter.Name>
            <MarchMMOperation.TestingParameter.withStereotype>true</MarchMMOperation.TestingParameter.withStereotype>
          - <MarchMMOperation.TestingParameter>
            <MarchMMOperation.TestingParameter.Name>Times</MarchMMOperation.TestingParameter.Name>
            <MarchMMOperation.TestingParameter.withStereotype>true</MarchMMOperation.TestingParameter.withStereotype>
        - <MarchMMOperation.TestingParameter>
      - </MarchMMOperations>
    - </MarchMMOperHost>
  - </Model_Management.Model>

```

FIGURE 16

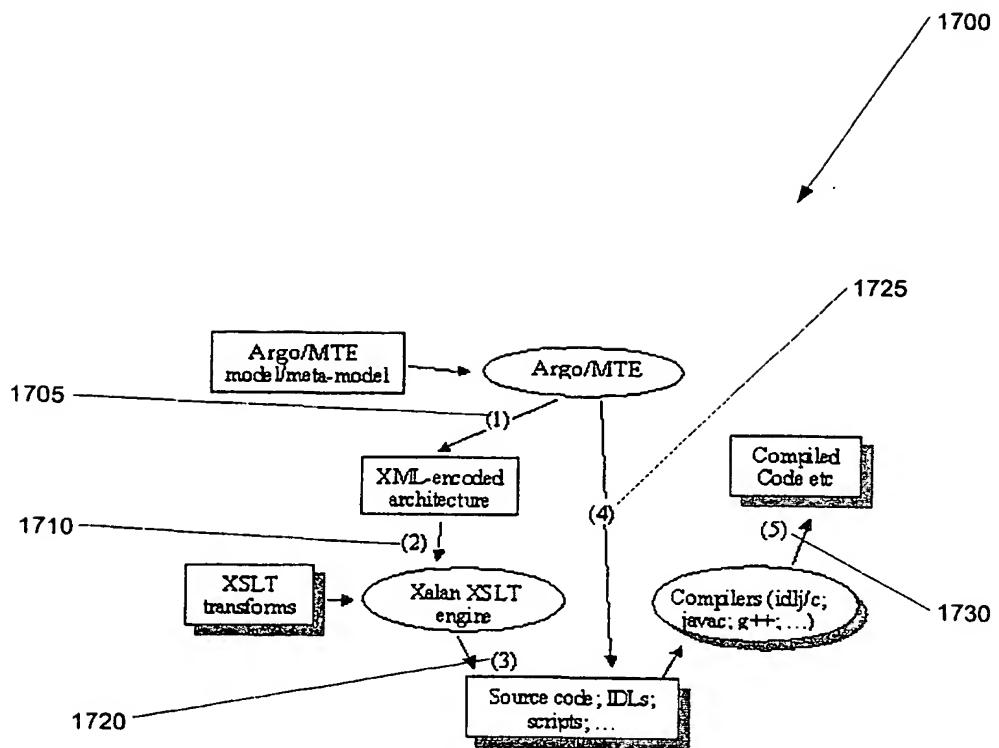


FIGURE 17

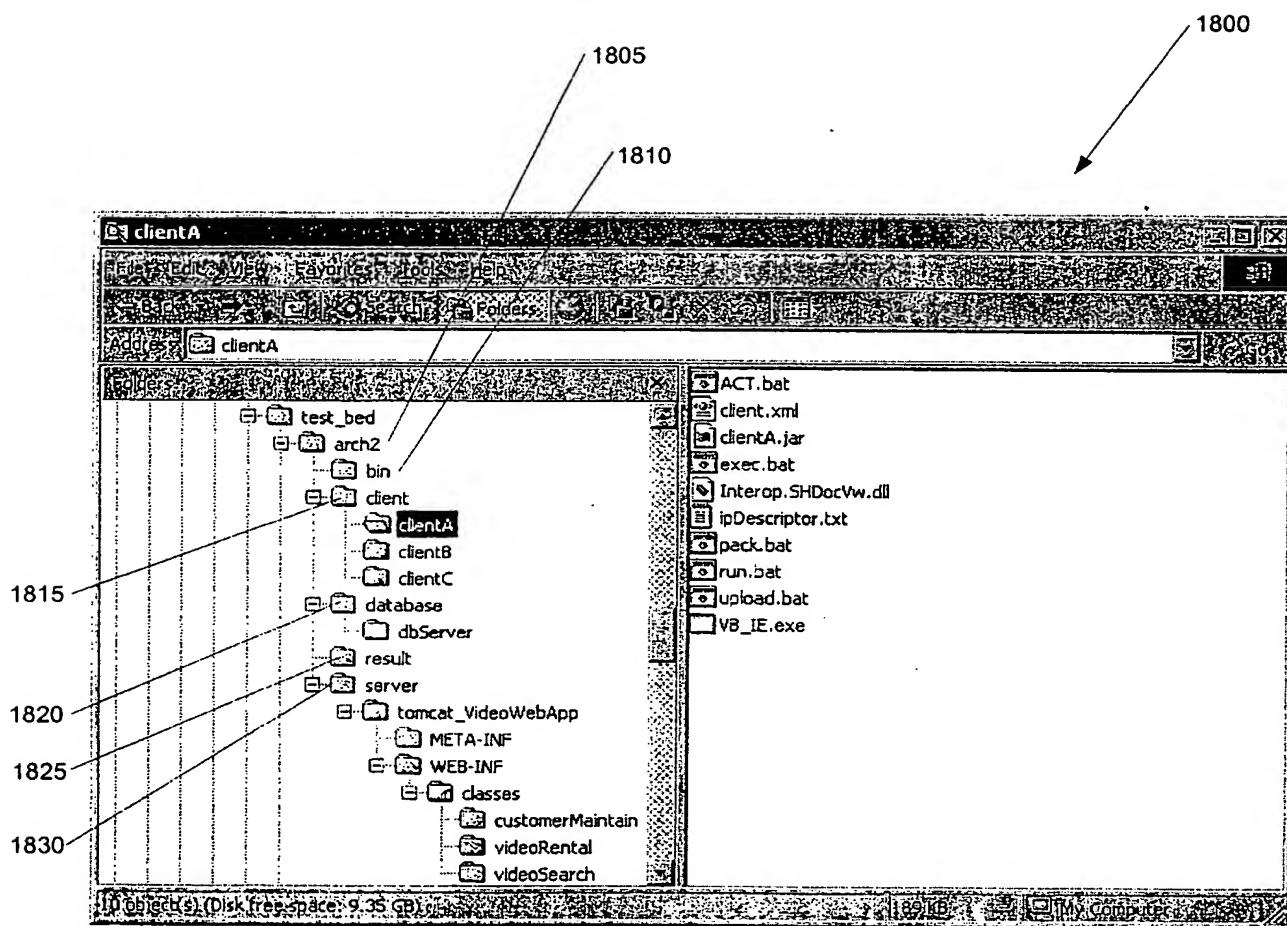


FIGURE 18

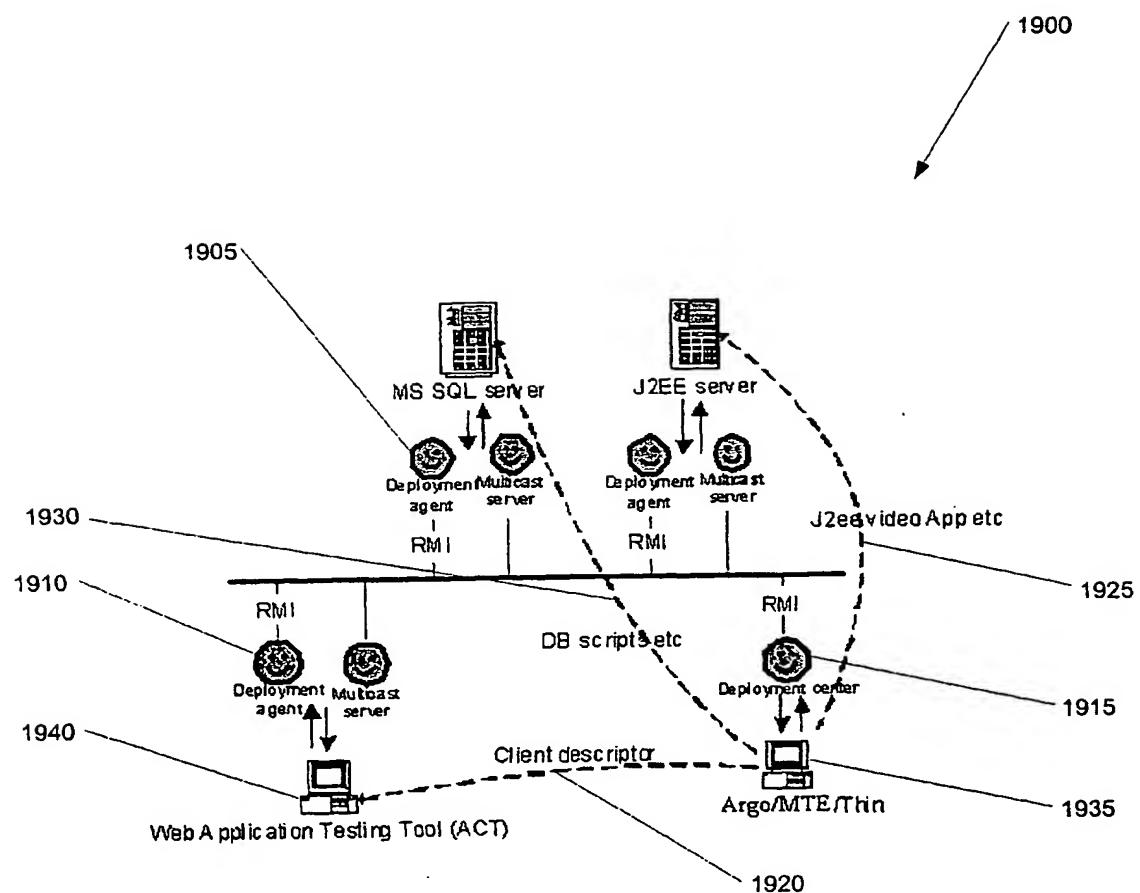


FIGURE 19

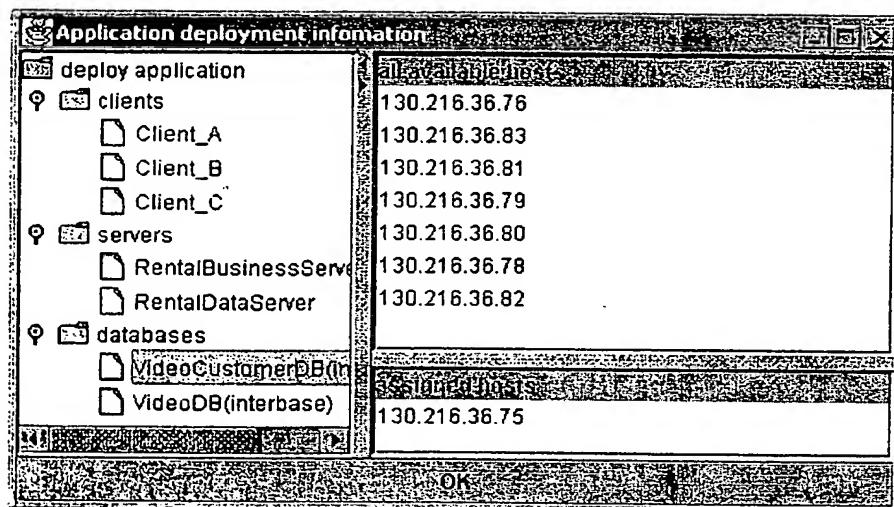


FIGURE 20

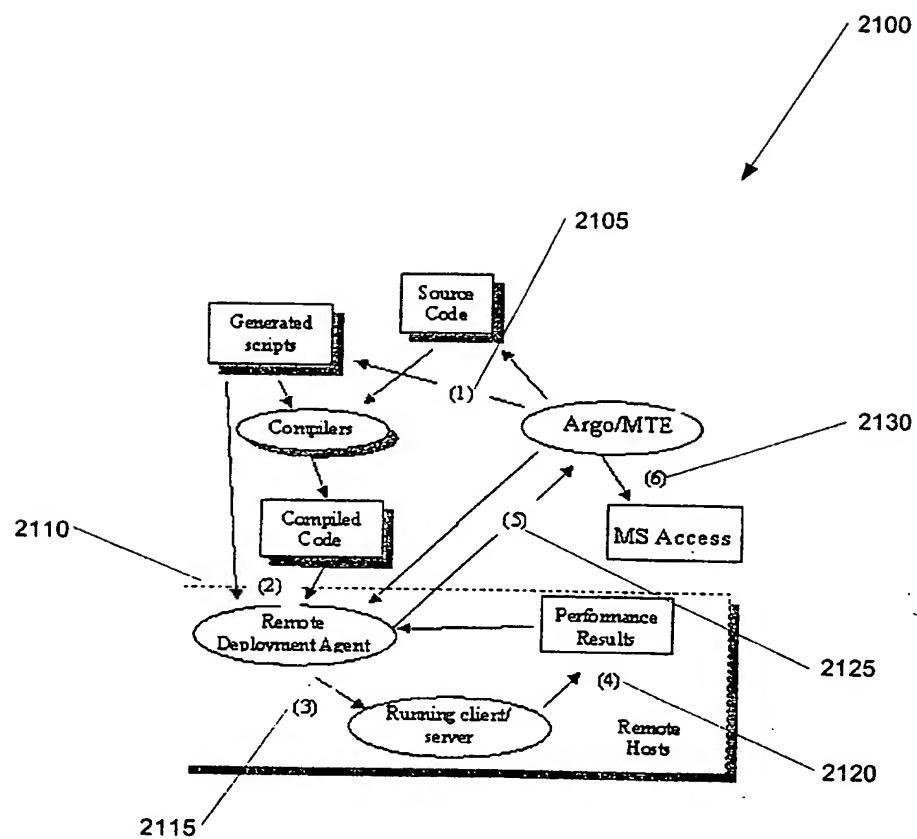


FIGURE 21

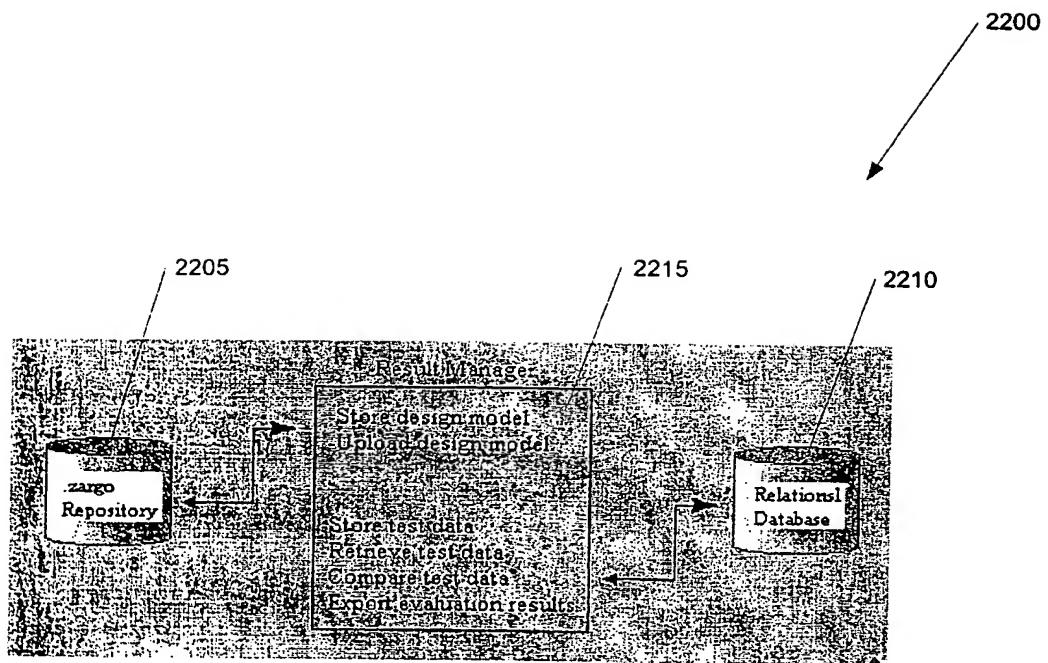


FIGURE 22

Test Controller ID	Test Result ID	Target ID	Flagged Name	Repeating	Total	Test Line ID
	1232123678761	1232123678761_1	findCustomer		1000	1100
	1232123678762	1232123678762_1	findVideo		600	3000
	1232123678763	1232123678763_1	findRental		500	3000
	1232123678764	1232123678764_1	updateRental		1000	6000
	1232123678765	1232123678765_1	findCustomer		1000	2100
	1232123678766	1232123678766_1	findVideo		600	4000
	1232123678767	1232123678767_1	findRental		500	4000
	1232123678768					
Central Controller ID	Test ID	Test Result ID	Component Name	Component ID	Test Report ID	
	1232123678761	1232123678761	Client A		1045518661165	
	1232123678762	1232123678762	Client B		1045518661165	
	1232123678763	1232123678763	Client C		1045518661165	
	1232123678764	1232123678764	CustomerManagePage		1045518661165	
	1232123678765	1232123678765	Client A		1045518661166	
	1232123678766	1232123678766	Client B		1045518661166	
	1232123678767	1232123678767	Client C		1045518661166	
	1232123678768		CustomerManagePage		1045518661166	
	1045518660117		Client A		1045518661167	
	1045518660115		Client B		1045518661167	
	1045518660116		Client C		1045518661167	
	1045518660117		CustomerManagePage		1045518661167	
	1045518661165	1045518660114	Client A		1045518661168	
	1045518661166	1045518660115	Client B		1045518661168	
	1045518661167	1045518660116	Client C		1045518661168	
	1045518661168	1045518660117	CustomerManagePage		1045518661168	
	1045518661169		Client A		1045518661168	
	1045518661170		Client B		1045518661168	
	1045518661171		Client C		1045518661168	
	1045518661172		CustomerManagePage		1045518661168	

FIGURE 23

2400

Compare targets of various design models

Target_Name	MSNet	J2EE	CORBA	RMI
findCustomer	1	2	3	4
findRental	6	8	10	12
findVideo	5	6	8	10
updateCustomer	4	8	11	15
updateRental	6	7	8	9

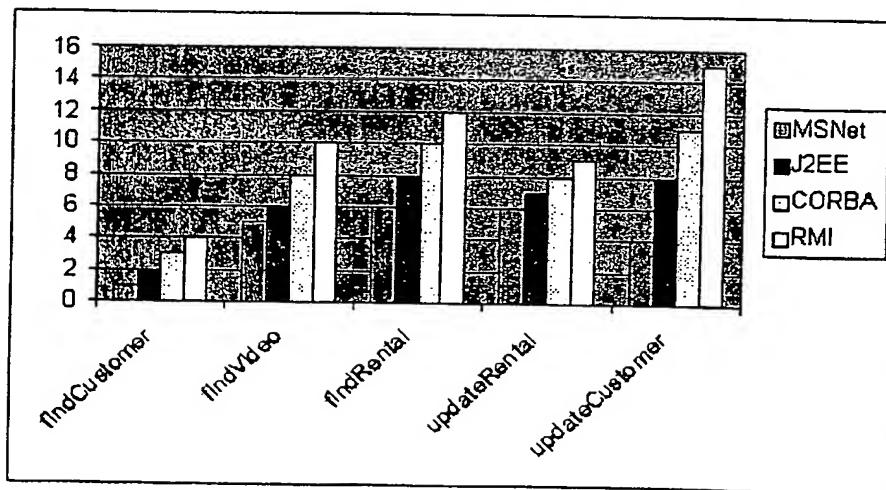


FIGURE 24